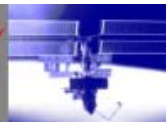
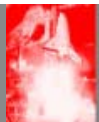


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Increment 45/46 Status

POIWG #39
January 26, 2016

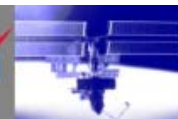
Payload Operations Integration Center

NASA Marshall Space Flight Center
Huntsville, Alabama



Stephanie R. Buskirk Dudley
Payload Operations Manager
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I-1



Inc 45/46 So Far

◆ Major Accomplishments

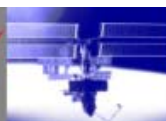
- ◆ IMAX Operations Completed
- ◆ Completed Fluid Shifts for One Year Crew
- ◆ RRM Taskboard 4 Retrieval
- ◆ MELFI 2 RIU Replacement
- ◆ AMS Thermal Blanket Install during EVA
- ◆ Veggie – Zinnia Plants
- ◆ NRCSD #6 Deploys
- ◆ Marrow – First Operations – Breath Collection

◆ Challenges

- ◆ SSU and MT Translate Failures
- ◆ Delay of Vehicle Traffic
- ◆ Re-alignment of Prime/Reserve crew time



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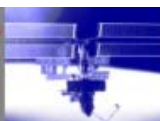


Thinking outside the box

- ◆ POIC used Remote Desktop Protocol (Ku Forward) to perform the software application load for Express Rack 7 and 8 laptops following the upgrade to CLS10.
 - ◆ Remote Desktop capability has been in place for several months, for the POIC PRO to configure EXPRESS Laptops as needed to support operations
 - ◆ Using this capability, the loads were able to be completed from the ground without the use of crew time.



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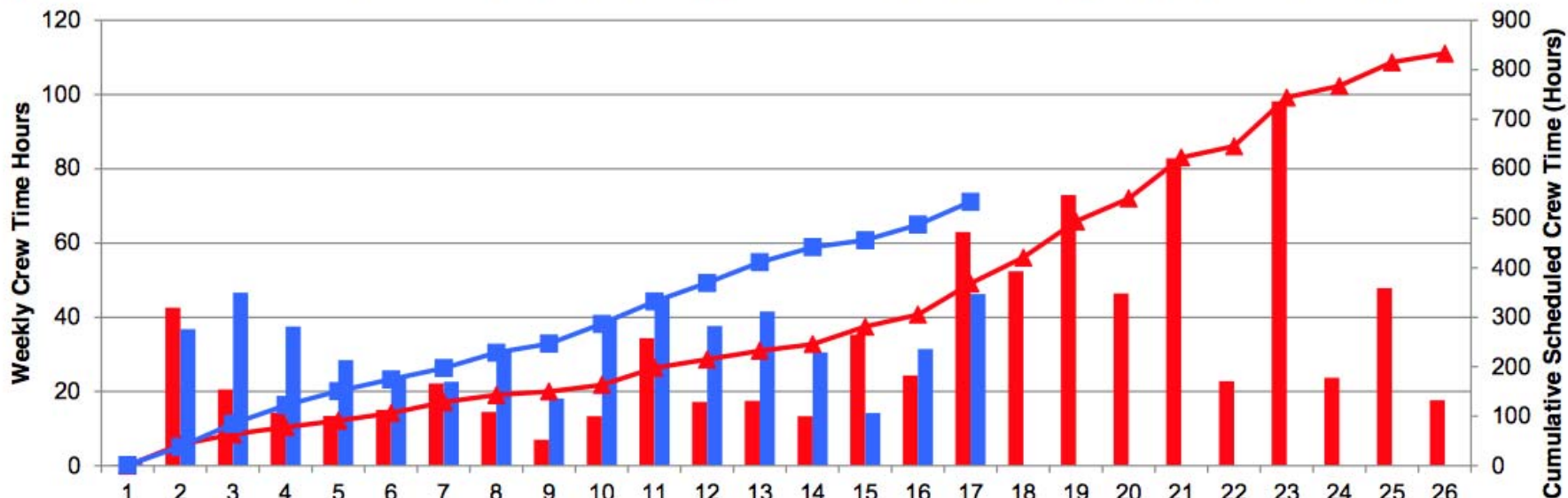




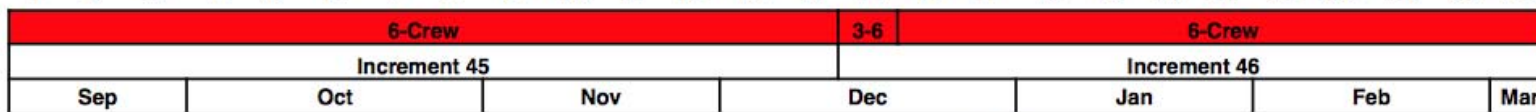
Inc 45 - 46 Utilization Crew Time



■ OOS Planned
 ■ USOS Executed
 ▲ OOS Planned Cumulative
 ■ USOS Cumulative Executed



Color Key:
 Completed
 Final OOS
 FPIP Plan



HTV5
 Unberth 9/28/15



US EVA (ISS Upgrades)
 10/28/15



US EVA (P6 RTOC)
 11/6/15



OA-4

Berth 12/6/15
 Berth 12/9/15
 Unberth 2/4/16
 Unberth 2/7/16



US EVA (MT Rescue)
 12/21/15



SpX-8
 Berth 01/3/16
 Berth 2/10/16
 Unberth 02/1/16
 Unberth 03/11/16



USOS (SSU)

SpX-9 and SpX-10 were not planned in the Final OOS.

Executed through Increment Wk (WLP Week) 17 =	15.0 of 23.6 work weeks 63.56% through the Increment
USOS IDR Allocation:	826 hours
OOS USOS Planned Total:	832.91 hours
USOS Actuals:	533.42 hours
	64.58% through IDR Allocation
	64.04% through OOS Planned Total
Total USOS Average Per Work Week:	35.56 hours/work week
Voluntary Science Totals to Date:	3.5 hours (Not included in the above totals or graph)
RSA/NASA Joint Utilization to Date:	29.67 Hours (not included in the above totals or graph)



We are in the home stretch...

- ◆ SPHERES Zero Robotics
- ◆ BASS-M and BASS-2
- ◆ Orbital-4 Departure
- ◆ Lonestar Deploy
- ◆ Preparation for Rodent Research 3
- ◆ SpaceX-8 Arrival

Inc 47 starts March 2, 2016



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